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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/836,112	04/16/2001	Jae Chul Park	2085-3-01	5957

7590 08/18/2004

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EXAMINER

PARTHASARATHY, PRAMILA

ART UNIT	PAPER NUMBER
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2136

DATE MAILED: 08/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/836,112	PARK, JAE CHUL	
	Examiner	Art Unit	
	Pramila Parthasarathy	2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 4/16/2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to the communication filed on 04/16/2001.

Claims 1 – 14 were received for consideration. No preliminary amendments to the claims were filed. Claims 1 – 14 are currently being considered.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 – 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Thornton et al. (Patent Number 6,363,065).

Regarding Claim 1, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), comprising:

a web server for managing communication information including a network identification number and a user identification number assigned to a user and registered (Fig. 5 and Column 23 line 41 – Column 25 line 17);

a gateway for setting communication channels between a public network connected with telephones and an internet network connected with terminals (Fig. 2; 12; and Column 11 line 63 – Column 17 line 28); and

a gatekeeper for authenticating a communication service required by said terminals and dynamically matching said user identification number for communication with an IP address, whereby voice/data communication can be made between said telephones and said terminals (Column 17 line 30 – Column 19 line 50).

Regarding Claim 11, Pierce teaches and describes a communication method (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), comprising the steps of:

registering a user identification number which is assigned to a user without overlapping with each other (Column 18 lines 18 – 47 and Column 24 lines 14 – 42);

authenticating whether said user is a registered user based on the user identification number, when a communication service is requested (Column 19 lines 17 – 24); and

automatically opening a call between various communication networks which are different from one another, depending upon said user identification number (Column 17 line 51 – Column 19 line 50).

Claim 2 is rejected as applied above in rejecting claim 1. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein said user identification number is a unique identification number that corresponds to said user one by one and does not overlap with each other (Column 18 lines 18 – 47 and Column 24 lines 14 – 42).

Claim 5 is rejected as applied above in rejecting claim 1. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein a predetermined international telephone calling identity is further included in said receiver number transmitted upon request of said call (Column 5 lines 8 – 63; Column 33 line 25 – Column 33 lines 25 – 50 and Column 41 line 29 – Column 42 line 25).

Claim 12 is rejected as applied above in rejecting claim 11. Furthermore, Pierce teaches and describes a communication method (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein said authentication step comprises a step of dynamically matching said user

identification number with an IP address (Column 19 lines 17 – 24; Column 55 line 65 – Column 56 line 41 and Column 59 lines 3 – 32).

Claim 13 is rejected as applied above in rejecting claim 1. Furthermore, Pierce teaches and describes a communication method (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein said call is opened via an internet network if a receiver number transmitted upon request of said call corresponds to said user identification number previously registered, and said call is opened via a public network if said identification number is not a registered number (Column 39 line 63 – Column 40 line 51).

Claim 3 is rejected as applied above in rejecting claim 2. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein some prefix figures of said user identification number are reserved and are not assigned to said user (Column 5 line 8 – 45; Column 24 lines 14 – 42 and Column 33 line 26 – Column 35 line 29).

Claim 6 is rejected as applied above in rejecting claim 2. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein a predetermined international telephone calling identity is further included in said receiver number transmitted upon request of said call (Column 30 line 63 – Column 32 line 20).

Claim 8 is rejected as applied above in rejecting claim 5. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein said call is opened via an international telephone network if said international telephone calling identity is included in said transmitted number (Column 1 line 24 – Column 3 line 13; Column 5 lines 8 – 63; Column 19 line 38 – Column 21 line 19; Column 33 line 25 – Column 34 line 34 and Column 41 line 29 – Column 42 line 25).

Claim 14 is rejected as applied above in rejecting claim 13. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein said call is opened via an international telephone network if said call is requested under a condition that an international telephone calling identity is included (Column 1 line 24 – Column 3 line 13; Column 5 lines 8 – 63; Column 19 line 38 – Column 21 line 19; Column 33 line 25 – Column 34 line 34 and Column 41 line 29 – Column 42 line 25).

Claim 4 is rejected as applied above in rejecting claim 3. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein a call is opened via said internet network if a receiver number transmitted upon request of said call corresponds to said user identification number previously registered, and a

call is opened via said public network if said receiver number is not said user identification number previously registered (Column 39 line 63 – Column 40 line 51).

Claim 7 is rejected as applied above in rejecting claim 3. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein a predetermined international telephone calling identity is further included in said receiver number transmitted upon request of said call (Column 39 line 63 – Column 40 line 51).

Claim 9 is rejected as applied above in rejecting claim 6. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein said call is opened via an international telephone network if said international telephone calling identity is included in said transmitted number (Column 5 lines 8 – 63; Column 33 line 25 – Column 33 lines 25 – 50 and Column 41 line 29 – Column 42 line 25).

Claim 10 is rejected as applied above in rejecting claim 7. Furthermore, Pierce teaches and describes a communication system (Fig. 1; 4A,B; 5; 7 –10; 12; 20-29 and Column 1 line 24 – Column 29 line 46), wherein said call is opened via an international telephone network if said international telephone calling identity is included in said transmitted number (Column 5 lines 8 – 63;

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Column 33 line 25 – Column 33 lines 25 – 50 and Column 41 line 29 – Column 42 line 25).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Abdelaal et al. (Patent Number 6,052,457) Method of routing universal international free telephone phone numbers

Brown et al. (Patent Number 6,069,945) Global subscriber numbering translation system for controlling international call routing

Bennefeld et al. (Patent Number 6,519,249) Scalable gatekeepers in an Internet telephony system and a method of operation

4. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks, Washington, D.C.

20231 **or faxed to:** (703) 872-9306 for all formal communications.

Hand-delivered responses should be brought to Crystal Park II, 2121


Crystal Drive, Arlington, VA, Fourth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 703-305-8912. The examiner can normally be reached on 8:00a.m. To 5:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Pramila Parthasarathy
Patent Examiner
703-305-8912
August 11, 2004


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100